



Figure 1 Sample Network Schematic

S. No.	Descriptive Name	Type	Modem ID	IP Address	Admin Status
1	Network Control Modem	Control	0x00	10.10.10.1	In Service
2	Network receive Modem 1	Receive	0x01	10.10.10.2	In Service
3	Network receive Modem 2	Receive	0x02	10.10.10.3	Out of Service
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Figure 2

S. No.	Name	Contact Info.	Remote ID	Remote IP Address	Admin Status	Forward QoS Min	Forward QoS Max	Return QoS Min	Return QoS Max	Priority
1	REMOTE 1	"	0x0A	192.168.1.100	In Service	0 kbit/s	128 kbit/s	32 kbit/s	64 kbit/s	1
2	REMOTE 2	"	0x0B	192.168.2.100	Call Barred	128 kbit/s	256 kbit/s	16 kbit/s	32 kbit/s	5
3	REMOTE 3	"	0x0C	192.168.3.100	Out of Service	32 kbit/s	64 kbit/s	8 kbit/s	16 kbit/s	1
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Figure 3

S. No.	Channel Name	Channel ID	Hub Modem Assignment	Center Freq. (IF)	Data Rate	Modulation	FEC	Admin Status
1	TX 1	0x00	0x00	f_1	2 Mbit/s	QPSK	R=3/4	In Service
2	RX 1	0x0A	0x00	f_2	32 kbit/s	QPSK	R=3/4	In Service
3	RX 2	0x0B	0x01	f_3	64 kbit/s	QPSK	R=3/4	Out of Service
4	RX 3	0x0C	0x02	f_4	64 kbit/s	QPSK	R=3/4	In Service
5	RX 4	0x0D	0x03	f_5	128 kbit/s	QPSK	R=3/4	In Service
6	RX 5	0x0E	0x04	f_6	256 kbit/s	8PSK	R=2/3	In Service
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Figure 4

S. No.	Channel ID	Frequency Offset	Data Rate	Modulation	FEC	Remote ID	Comments
1	0x00	f_1	2 Mbit/s	QPSK	R=3/4	0x00	Shared outbound channel, assigned to Network Control Modem.
2	0x0A	f_2	64 kbit/s	QPSK	R=3/4	0x01	Assigned to Remote CiM-xx, Remote ID 0x01.
3	0x0C	f_4	64 kbit/s	QPSK	R=3/4	0xFE	Locked.
4	0x0D	f_5	128 kbit/s	QPSK	R=3/4	0xFF	Available.
5	0x0E	f_6	128 kbit/s	QPSK	R=3/4	0xFF	Available.
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Figure 5

S. No.	Channel ID	Frequency Offset	Data Rate	Modulation	FEC	Remote ID	Comments
1	0x0D	f_5	128 kbit/s	QPSK	R=3/4	0xF0	Channel has been administratively removed and is no longer available. If a Remote was using this channel, it will have to immediately terminate.
2	0x34	f_{34}	256 kbit/s	8PSK	R=2/3	0xF1	A new channel has been added and is available.
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Figure 6